CONFERENCE OF THE COMMITTEE ON DISARMAMENT

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Working paper with points to be considered by experts on the verification of ban on underground nuclear explosions

1. Methods and present capabilities for verification

(a) Seismological methods, single or in combination.

(b) Seismological capabilities and limitations.

(c) Other methods for verification, including those using observation from satellites.

(d) Capabilities and limitations of other methods, including those using observations from satellites.

2. Verification aspects of proposed treaty structures

(a) Limitation to national means and international data exchange.

(b) Technical significance of obligatory on-site inspections.

(c) Verification upon request and on-site inspection by invitation.

(d) Limitations to the numbers and strengths of nuclear explosions, including fixed or moving thresholds and phase-outs.

(e) Moratoria.

3. Technical and organizational matters to be settled in connexion with a ban on underground nuclear explosions

(a) Improvements of seismometric networks and stations.

(b) Seismometric data processing, data transmission and data exchange.

(c) Similar aspects of other methods, including those using observations from satellites.

(d) International co-operation and organization for verification of a ban on underground nuclear explosions. The connexion with other international measures of disarmament and arms control. International disarmament organization.

4. General statements and other matters

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